BDS 800

A 5.1-channel integrated home entertainment system with award-winning audio performance

Specifications

EISA AWARD Best Product 2010-2011
HT LOUDSPEAKER
Harman Kardon HKTS 60BQ/230

harman kardon BDS 800

Stylish, versatile and supremely easy to use, the compact harman kardon BDS 800 is the only entertainment system most homes will ever need. The powerful BDS receiver is integrated with a versatile Blu-ray Disc™/DVD/CD player and FM tuner (with RDS) to reproduce movies and music from virtually any source with all the clarity and fidelity of the original material. It even plays iPod or iPhone files via a harman kardon The Bridge IIIP dock (not included). Voice-matched satellite and centre-channel speakers with dual flat-panel midrange drivers deliver rich, realistic audio that envelops you in an uncanny 360-degree soundscape, while a 200-watt powered subwoofer adds deep, satisfying bass that comes at you from every direction.

Highlights

Complete, integrated home theatre audio system
Everything you need for great surround sound from virtually any movie or music source

Components engineered to work together as a system
The performance of separate components with the ease of use of a single integrated system

Compact, stylish design
The BDS 800 components deliver full-size performance in space-saving form factors styled to complement any décor

Dolby® Digital and DTS® decoding
You'll hear every nuance of the latest movie soundtracks as they were meant to be heard

HDMI® output
1080p video and high-resolution audio through a single cable for the highest-quality picture and sound

Reads Blu-ray Disc, DVD and CD recordings
The BDS player reads virtually any 5-inch (12cm) or 3-inch (8cm) disc, including most recordable media

Reads most digital music and photo file formats
The BDS player is a true multimedia device, a single system for all your entertainment sources

Front-panel USB port
An easy temporary connection for portable players and flash drives

Full-colour and multilanguage on-screen menus and menus and dot-matrix display

Easy system setup and control with a TV monitor, and system status information without a TV monitor

Learning remote
The BDS remote is easily programmed to control your TV, cable box, satellite tuner and other devices

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harman/kardon by HARMAN

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Key Features

- iPod/iPhone compatibility – System connects to iPod and iPhone via harman kardon The Bridge IIIP dock (not included)
- Digital amplifier technology – Audio signals remain in the digital domain from source to output, reducing conversion artifacts for improved quality
- Identical dual-driver satellites – Award-winning, voice-matched speakers with flat-panel drivers maintain consistent sound from speaker to speaker
- Dedicated dual-driver center speaker – Flat-panel transducers deliver distinct dialogue and are voice-matched to the satellites and magnetically shielded for placement near TV
- Compact powered subwoofer – Downward firing to extend and enhance bass response through interaction with the floor, the subwoofer features auto on/off circuitry plus volume, phase and bass-boost controls
- 2-1/2-way crossover network – Improves the transition between midrange and high-frequency drivers for more natural sound
- Extensive connectivity – Three digital inputs and two line inputs make it easy to connect other audio components to your BDS system (turntables require a separate phono preamp)
- Ethernet port – Connect your BDS system to your home network and enjoy BD-Live™ content via the Internet
- Playlist function – Recalls files stored on USB devices and CD-R discs with a minimum of button pushing
- Cover-art display – Outputs cover art from audio files with ID3 tags
- Screen-saver function – Prevents burn-in on CRT and plasma displays
- Upgradable firmware – Easily install any firmware upgrades that become available via the on-screen display
- Detachable IEC power cord – Simplifies system installation
- Gold-plated binding posts
- Headphone jack
- Speaker wall-mount hardware and all cables included

Specifications

BDS 5 Receiver

Audio Section

- Continuous average power (stereo): 65 watts per channel, 20Hz – 20kHz, @ <0.1% THD, both channels driven into 6 ohms
- Multichannel power: 65 watts per channel, 20Hz – 20kHz, @ <0.1% THD, all channels driven into 6 ohms
- Input sensitivity/impedance (line inputs): 250mV/46k ohms
- Signal-to-noise ratio (IHF-A): –90dB
- Frequency response @ 1W (±0.5dB): 20Hz – 20kHz
- Slew rate: 40V/µsec

FM RDS Tuner Section

- Frequency range: 87.5 – 108.0MHz (US and EU)
- Usable sensitivity (IHF): >14dBf
- Signal-to-noise ratio (mono/stereo): –60dB/–55dB
- Distortion (mono/stereo): 0.3%/0.5%
- Stereo separation: –45dB @ 1kHz
- Image rejection: –70dB
- IF rejection: –80dB

Disc Player Section

- Supported disc formats: 5-inch (12cm) or 3-inch (8cm) BD-Video (single-layer or double-layer), DVD-Video, DVD+R/+RW, DVD-R/-RW, CDDA (CD digital audio), CD-R/RW, AVCHD discs
- Region code (BD/DVD): A/1 (USA); B/2 (EU)
- Audio formats: Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS Digital, DTS-HD™ High Resolution Audio, DTS-HD Master Audio™, PCM, WMA (DRM-free version only): WMA9, CBR @ 192kbps, VBR @ 355kbps, MP3: 32kbps – 320kbps bitrates, including variable bitrate encoding
- Still-image format: JPEG
- Video-signal system: NTSC (USA) or PAL (EU)
- Frequency response: 20Hz – 20kHz ±0.5dB
- Signal-to-noise ratio: –90dB (A-weighted)
- Dynamic range: 90dB (16-bit)
- THD/1kHz: DVD/CD: 0.1%
- Wow and flutter: Below measurable limits

Video Section

- Television format: NTSC or PAL (selectable)
- HDMI version: 1.3a, with 30/36-bit Deep Color

General

- Power requirement: 110V – 240V AC, 50/60Hz
- Power consumption: 110W maximum; <1W standby
- Dimensions (H x W x D): 100mm x 400mm x 260mm (3-15/16" x 15-3/4" x 11")
- Weight: 6.5kg (14.3 lb)

Speaker System

- Frequency response: 45Hz – 20kHz (–6dB)

SAT TS60 Satellites

- Midrange transducers: Two x 75mm (3") flat-panel drivers, video-shielded
- High-frequency transducer: 19mm (3/4") CMMD® Lite dome, video-shielded
- Impedance: 8 ohms nominal
- Sensitivity: 86dB @ 2.83V/1 meter
- Dimensions (H x W x D): 299mm x 110mm x 88mm (11-25/32" x 4-11/32" x 3-15/32")
  Height measurement includes removable stands
- Weight: 1.5kg (3.3 lb)

CEN TS60 Center

- Midrange transducers: Two x 75mm (3") flat-panel drivers, video-shielded
- High-frequency transducer: 25mm (1") CMMD Lite dome, video-shielded
- Impedance: 8 ohms
- Sensitivity: 83dB (2.83V/1m)
- Dimensions (H x W x D): 110mm x 272mm x 88mm (4-11/32" x 10-11/32" x 3-15/32")
- Weight: 1.5kg (3.3 lb)

Powered Subwoofer

- Low-frequency transducer: 8" cone
- Amplifier power: 200 watts RMS
- Enclosure type: Sealed
- External trigger voltage: 3V – 30V AC/DC
- Finish: Gloss black
- Power requirement: 120V AC, 60Hz (USA); 220V – 240V AC, 50Hz/60Hz (EU)
- Dimensions (H x W x D): 353mm x 267mm x 267mm (13-29/32" x 10-1/2" x 10-1/2")
  Height measurement includes feet
- Weight: 9kg (19.8 lb)

HARMAN

HARMAN Consumer, Inc.
8500 Balboa Boulevard, Northridge, CA 91329 USA

www.harmankardon.com

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